

PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 5

January, 1951

Number 1

ASSOCIATION ACTIVITIES

COASTAL GEOLOGICAL SOCIETY MEETING

At the December 5th meeting of the Coastal Geological Society, Gordon Bell of the Western Gulf Oil Company presented his paper entitled "General Geology and Development of the Husana Area, San Luis Obispo County." Mr. Bell showed that this small sedimentary basin of less than 100 square miles in area contains rocks ranging in age from Jurassic to Recent within and upon its borders, and that a rather complete Miocene section appears to be represented. He pointed out the major structural features of the basin as being the two nearly parallel faults bounding the area on the east and west sides and the major fold comprising the Husana syncline, with several anticlines developed near the basin edges. Nearly all of the anticlines have had one or more wells drilled upon them and have logged showings of heavy oil, although records show that only three wells, now abandoned, have actually produced a small amount of oil.

The history of drilling in the Husana area from 1888 was traced, during which time more than thirty-five wells have been drilled. Possibilities for further exploration in the Husana basin were speculated upon.

Mr. H. Fred Peterson spoke to the society on map reproduction. He distributed to the group a chart showing various types of map reproductions and an outline of his paper. The speaker pointed out the value of a draftsman who is acquainted with the above processes and who can save considerable redacting expense by proper use of the various map reproduction methods.

SAN JOAQUIN VALLEY DINNER MEETING

Vincent W. Vandiver of Seaboard Oil Company gave 50 members of San Joaquin Geological Society the benefit of his broad knowledge of Canadian geology at a dinner meeting December 12 at the El Tejon. The talk was entitled "General Canadian Geology and the Redwater Oil Field, Alberta, Canada." A large group remained after Mr. Vandiver's talk to inspect his exhibits of contour maps, rock samples and a photographic well log.

LOS ANGELES FORUM

Milton Loy, Schlumberger Well Surveys, discussed "Micrologging and Its Application in California" at the Edison Building on December 18. Harry Feder, C.C.M.O., reported on the "New Mexico Field Conference." Due to the December 18th deadline for this issue of the News Letter, the summary of the December Forum will appear in the next issue.

CHRISTMAS DANCE

The newly organized Petroleum Exploration Women's Club gave their first annual Christmas semi-formal dance at the Bakerfield Inn on December 8. Over 75 couples danced to the music decorated Palm Room.

Among those responsible for the success of the party were Messrs. Sam Stomenar, president, Rod O. E. Van Beveren and Orrin Wangness.

LOS ANGELES LUNCHEON

The regular luncheon meeting of the Pacific Section was held December 7, 1950, at the Rodgers Young Auditorium. Some 93 members enjoyed a very well illustrated talk by Dr. K. O. Emery of U.S.C. Dr. Emery discussed the highlights of the Mid-Pacific Expedition made last summer and sponsored by Scripps Institution of Oceanography and the Navy Sound and Electronics Laboratory.

The principal objective of the expedition, which was under the direction of Dr. Roger Revelle of Scripps, was to explore the floor of the Pacific Ocean. Correlative work in meteorology, biology, and studies of ocean temperatures and currents was accomplished by thirty scientists who represented Scripps, U.C.L.A., U.S.C., the U.S.G.S., and the Navy Lab. Two ships were used, both equipped for deep oceanographic work.

Probably the outstanding discovery of the expedition was that southwest of the Hawaiian Islands there exists a long narrow mountain range, now called the Mid-Pacific Mountains. This range is more than a thousand miles long, about a hundred miles wide, and has a maximum relief of about 14,000 feet. Hydrographic charts of the area have long shown isolated shoals, but the expedition proved that these shoals are not isolated peaks but rather summits of a long continuous mountain range. The tops of the peaks explored were flat, occurring at depths ranging only from 900 to 1,000 fathoms, and are apparently the result of wave action in shallow water.

On the return trip, one of the ships investigated the Gordo escarpment, which runs west from Cape Mendocino. Previously thought to be about 150 miles long, the escarpment has now been proved to extend over 1,000 miles westerly from the coast.

Everyone present thoroughly enjoyed Dr. Emery's talk, and the ensuing discussion period pointed out the many problems arising from the findings of the expedition.

OIL SCOUTS' CHRISTMAS PARTY

Nearly 200 men enjoyed the annual Christmas party given December 14 by the Central California Scouting Association at the Bakerfield Inn. A check of parlor games in progress after the buffet dinner revealed that not all of the funds would remain in possession of the Bakerfield scouts.

DISTINGUISHED LECTURER

Dr. Armand J. Eardley, Professor of Geology at the University of Utah, will be the distinguished lecture committee's speaker-of-the-month during January, 1951.

Dr. Eardley will describe the tectonic framework of North America, the major tectonic elements during the Paleozoic, Mesozoic and Cenozoic eras. Recent thought about the Atlantic and Pacific margins will be summarized and some original notions about the relation of North America to Eurasia over the Arctic and about North America to South America through the Gulf of Mexico, Caribbean and Central America will be presented.

Dr. Eardley will speak in Los Angeles at 7:00 p.m., January 2, 1951, in the General Petroleum Auditorium, 612 S. Flower St., in Bakerfield, 7:30 p.m., January 3, 1951, at the Hotel El Tejon; in Santa Barbara 7:00 p.m., January 4, 1951, at Eaton; and in San Francisco, 6:00 p.m., January 5, 1951, at the St. Julien Restaurant.

CALENDAR

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"Geology of the Eastern Venezuela Basin," by Hollis D. Heaburg. pp. 1173-1216.

* "Sea Bottom off the Coast of California," by Andrew C. Lawson. (A review of Special Paper 31, G.S.A., by Shepard & Emery.) pp. 1225-1242.

* "Cenozoic Marine Climates of the Pacific Coast," by J. Watt Durham. pp. 1243-1264.

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Mineral commodities of California. Bull. 156, 1950.

* "Petroleum," by Gordon Oakeshot. pp. 85-110.

TRADE JOURNALS & MISCELLANEOUS MAGAZINES

Petroleum Engineer, December, 1950
* "Anti-Barthquake Damage Operations," by D. L. Roberts. pp. B-11 - B-14.

"Treasures in the Depths," (Review of Deep Drilling) by Ernestine Adams. pp. A-33 to A-45.

Drilling, October and November, 1950
"Application of Micrologging," Parts I & II, by M. Martin. October, pp. 36-40.

The Mines Magazine - 15th Annual Ret. No., October, 1950
"Notes on the Construction of Geologic Scale Models," by A. N. McDowell and Travis J. Parker. pp. 75-79.

* Pacific Coast Geology.

VARF Distinguished Lecturer, Armand J. Bardeley, Univ. of Utah, "The Tectonic Framework of North America," Jan. 2, 3, 4, and 5.

Section, General Petroleum Auditorium, Los Angeles, Jan. 3, 1951; Wed. 7:30 p.m., AVFG San Joaquin Geological Society, Dinner Meeting, Hotel El Tejon, Bakersfield.

Jan. 4, 1951; Thurs. 7:00 p.m., AVFG, Coastal Geological Society, Dinner Meeting, Eatons Restaurant, Santa Barbara.

Jan. 5, 1951; Fri. 6:00 p.m., AVFG, Northern California Geological Society, Dinner Meeting, St. Julian Restaurant, San Francisco.

Jan. 4, 1951; Thurs. 6:30 p.m., CNGA, Dinner Meeting, Rio Hondo Country Club, Downey; Frank Morgan, "Cuyama Valley."

Jan. 15, 1951; Mon. 7:00 p.m., API, San Joaquin Valley Chapter, Petroleum Engineering Seminar, K.C.U.H.S., Bakersfield; M. B. Standing, "Reservoir Fluids, Part II."

Jan. 16, 1951; Tues. 8:00 p.m., API, Los Angeles Basin Chapter, Shell Recreation Hall, Long Beach; Humble Oil & Refining Co. Color Movie, "Trouble Turks Below;" Speaker to be announced. A movie on combatting a wild well on fire.

Jan. 16, 1951; Tues. 8:00 p.m., API, San Joaquin Valley Chapter, Bakersfield Inn, Bakersfield; Speaker to be announced.

Jan. 17, 1951; Wed. 7:00 p.m., API, Coalinga-Kettleman Chapter, Dinner Meeting, Polvadere Country Club; Speaker to be announced.

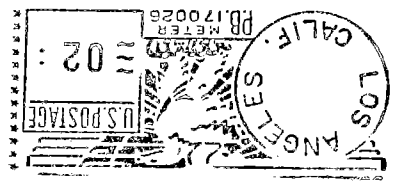
Jan. 19, 1951; Fri. 7:15 p.m., SBPM, Edison Bldg. Auditorium, 601 W. 5th, Los Angeles; Dr. Fred Phleger, "Some Recent Studies of Foraminifera Ecology."

Jan. 22, 1951; Mon. 7:00 p.m., AIME, Petroleum Branch, General Petroleum Auditorium, Los Angeles Northline, "Legal, Legislative, and Lease Problems Relative to Water Flooding."

Jan. 29, 1951; Mon. 7:00 p.m., API, San Joaquin Valley Chapter, Petroleum Engineering Seminar, K.C.U.H.S., Bakersfield; W. T. Gardwell, "Fluid Mechanics, Part I."

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PACIFIC PETROLEUM GEOLOGIST

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IN MEMORIAM

Chester Stock
(1892-1950)

Next Deadline January 22, 1951

Dr. Chester Stock, Professor of Paleontology and Chairman of the Division of the Geological Sciences at the California Institute of Technology, and President of the Geological Society of America, member of the National Academy of Sciences, member of the American Association of Petroleum Geologists, and of many other honorary and professional societies, died at his home in Pasadena from cerebral hemorrhage on December 7. Only a few hours before he had attended a meeting of the Geology Club of the California Institute and had seemed to be in very much the usual health and spirits.

A native of California, Chester Stock grew up in the Bay area; attended the University of California at Berkeley; and obtained his Ph.D. there in 1917 under the late J. C. Merriam. Coming to the California Institute of Technology in 1926, shortly after the inception of the Division of Geological Sciences, he at once entered upon a vigorous research program in his chosen field of vertebrate paleontology. Already well known for his studies of the distinctive and uniquely preserved vertebrate fauna from the Brea bar pits, he not only continued intensive research in this fruitful area but pushed on to studies of vertebrate remains from the John Day of Oregon, from Gypsum Cave in Nevada, and from San Josecito Cave in Nuevo Leon, Mexico -- to name only a few of his important undertakings. Although vertebrate paleontology was his primary interest, he was no narrow specialist. As a director of the Los Angeles County Museum he did much to build up the whole science program there; as a Guggenheim Fellow of the Geological Institute of Mexico and later in more formal connections, he contributed significantly to the exploration program in that country and toward the building of international good will and of desirable scientific interchange; as a counsellor and administrator with broad scientific vision he contributed to the growth of the California Institute of Technology. In this last connection a statement from President Durrledge of the Institute of Technology. In this last connection he contributed to the growth of the California Institute of Technology. In this last connection he contributed to the growth of the California Institute of Technology.

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PERSONAL ITEMS

At the coastal meeting the other night Irvin Trexler was telling about finding (HA HA) a roll of film on the street. After having it developed, he discovered a complete set of insects under were included on the film. Irvin, if you edit this out I'll complain to the authorities. (L.T.) (ED. NOTE: What can I do anyway. It was a #620 roll - know anybody who uses that size? I.R.)

The Continental Oil Company has just announced several promotions. Roy M. Barnes, formerly Regional Geologist for Conoco, has been appointed Regional Manager of Exploration, replacing Olen Lane, who has been promoted to the position of Regional General Manager. J. B. Anderson, former assistant Regional Geologist, succeeds Mr. Barnes as Regional Geologist. Rufus Smith has been promoted to the newly created position of Assistant to the Regional Geologist.

The annual meeting of the Geological Society of America was held November 16-18, 1950, at the Statler Hotel, Washington, D. C. The program was unusually interesting and varied, during many California geologists to the nation's capital. The universities furnished the bulk of California's representation, with the roster including such distinguished names as Doctors Leavens, Park, Waters, and Vandenberg from Stanford; Dr. Turner from the University of California; Doctors Gutenberg, Stock, Sharp, Engel, Fahns, and Benoit from Cal Tech; Dr. Ken Emery from U.S.C.; and Doctors Crowell, Futnam, Murdoch, Tunnel, and Bramelette of U.C.L.A. Field trips on the two days preceding the meeting were as follows: (1) An excursion, under the leadership of Dr. Ernst Cloos, to Bear Island in the Potomac River, to see a particularly well-exposed metamorphic section; (2) A trip also with Dr. Cloos to inspect Paleozoic and pre-Cambrian rocks of the South Mountain anticlinorium in the vicinity of Harper's Ferry, West Virginia; and (3) A two-day trip to see Quaternary and Tertiary sediments of the Coastal Plain.

NATIONAL G.S.A. MEETING

Special excursions during one afternoon of the meeting took members on conducted tours through the Department of Geology and Department of Topographic Photogrammetry Division of the U.S.G.S.; (3) the Mineral Products Division of the Bureau of Standards and Geological Laboratory; (4) the Crystalline Branch of the Naval Research Laboratory; (5) the Hydraulics Laboratory of the Bureau of Standards and Beach Erosion Board; and (6) the mineral and paleontological collections of the U.S. Museum.

Dr. Chester Stock (whose recent death is sad news, indeed) was honored by being elected President of the Society for the coming year. Norman T. Bowen was elected Reebing Medalist; Francis Birch, the Arthur L. Day Medalist; and Morley E. Wilson, the Penrose Medalist.

Pete Gardner of General Petroleum is back here on a two-week vacation, following his summer sojourn in Wyoming. Effective January 1, Pete will be located here again, with Vic King resuming his former assignment with General Petroleum at Casper, Wyoming.

Pete Gardner of General Petroleum is back here on a two-week vacation, following his summer sojourn in Wyoming. Effective January 1, Pete will be located here again, with Vic King resuming his former assignment with General Petroleum at Casper, Wyoming. Field work in Nevada presents many unusual problems. He recently discovered the body of a prospector who had died in the hills. On another occasion, Floyd was trying to get a cut on some "oil sand" with every known solvent including xylene, then found he was working with bat guano.

Bob Orfala of Standard has bought a new house in Steeple Robles, Ojai, in preparation for an addition to the family. Bob hopes the arrival (the baby) will be in 1950, as an additional tax deduction is always welcome.

Bob Williams has a new house in Santa Barbara. The acoustics are reported perfect, by a group of the boys who tested them recently until the wee hours, after the Coastal meeting. The report from Mrs. Williams has not yet been received.

Betty Cappelle, of Shell's geological office in Los Angeles, is being married on February 3 to Joe Noble, now a psychology major at U.S.C. (Congratulations, Joe!) They are buying a home at Hermosa Beach.

Bessie Glenn of Shell's geological office in Los Angeles wants a white Christmas, so she will spend her vacation then at her former home in Idaho.

Ed McDowd of Shell recently made a trip to Buttonwillow on a hunting expedition. He reports net results: one hawk, one duck, and one sore shoulder.

Continental Oil Company's Ventura headquarters shook recently when Dick Halnes came out sporting a new company car colored BROWN. Is there any special significance to this, or is it just camouflage?

Art Huey was seating himself last week, at the Valley Scouts' Christmas party, with his plate heaped high with food from the wonderful buffet selection, when Snooky Chambers tried to pass him a piece of bread. Art's amazing response: "No thanks, Snooky, I'm on a diet."

Den Flynn of General Petroleum gave out cigars to celebrate the arrival of Kathy, a 6 1/2 lb. daughter born November 26. Den already has a 2-year-old son, Bruce. Den is on vacation until January 1, building a new home and doing the painting himself.

Arch Wagne, with Richtfeld at Bakerfeld, reports the arrival of Betty, 8 lb. daughter born December 8.

Bob Smart, ex-UCLian with General Petroleum in Durango, Colorado, is reportedly anxiously awaiting the arrival of a new dependent.

TWINS at the Pete Hall barn, Ojai Ranch. One of his goats has been kidding again.

Talk about coincidences: December 12 should go down as Geologists' Day in the Bureau of Vital Statistics.

Charles Bishop of Texaco at Bakerfeld announced the birth of a daughter, Debra, his first offspring, on that date.

Jack Oney of Honolulu, Bakerfeld, passed out (cigars, that is) upon arrival of Lou Ann, a daughter, his first offspring, on that date.

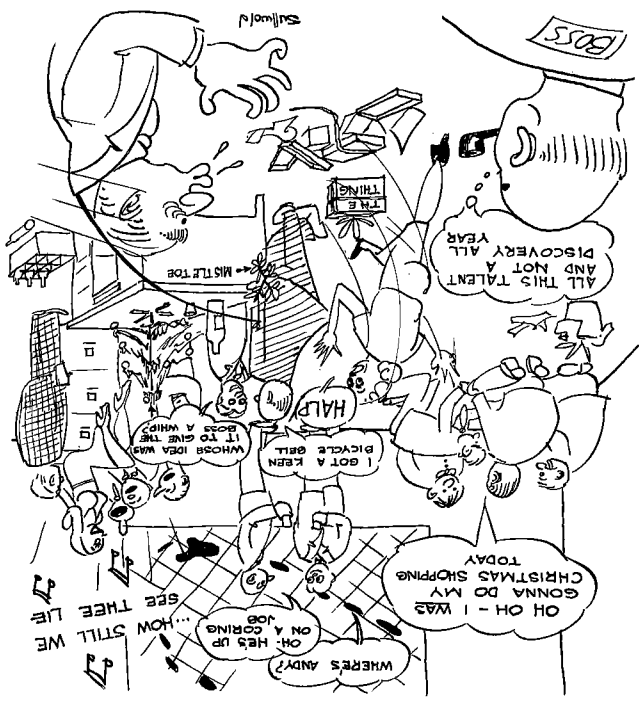
Paul Roth of State Exploration Company has been elected president of the Oil Map Association for 1951. Other officers are: H. E. Peterson, Shell, vice president; B. N. Coolidge, Amerada, treasurer; and Mary Frazier, Capital Company, secretary.

A wildcat gas discovery in Santa Barbara County appeared in the making as Bureau of Reclamation - Pacific Lighting Co. No. 1 blew in recent days from a depth of 2 feet! A Pacific Lighting gas line was tapped while the Bureau was doing some coreholing for the Decolore Tunnel project.

Max Krueger, long time member of the Pacific section and now a consultant in Laramie, Wyoming, was a recent candidate for the Legislature from his county. Max filled out Homer Steiny's return postcard to give the election results, checking the box score to show he came in third. He explained that the county, being a railroad county, went Democratic, period. Max still insists the fishing, duck hunting and big game hunting there are good - Democrats or not.

At the continental-standard - Meridian Unit No. 1 core party on November 29, attended by some 35 geologists (a mixed group of Californian and Rocky Mtn. varieties) not only did continental Turkish beer, but when demand was slack, passed around salted peanuts to build up the group's morale. The choicest samples of the cores were snatched up by the tentacles of Union's "octopus" (a six-armed octopus) consisting of Johnny Hazzard, Bill Moran, and Joe Dockwiler, who shocked the general Rocky Mountain geologists by their behavior.

THE OFFICE CHRISTMAS PARTY



Carlton M. (Kit) Garson of Tide Water is taking a three-week sabbatical in and around Palo Alto. He plans to add a few more specimens to his mineral collection while there.

Doug Hastings, Standard Oil, has been transferred from Goalinga to Salt Lake City.

Has anyone a reasonable explanation for Bob Hart of Standard displaying a beautiful shiner shortly after returning from the Basque section of Bakerfeld?

Carlton M. Wagner, Director of Exploration for General Petroleum, has returned to his desk all smiles following his extended trip to England, Germany, and the Scandinavian countries. Carroll reports he came within five miles of the Iron Curtain, and felt that was close enough.

Phil Kistler, Big Horn Basin district geologist for Seaboard, is in Los Angeles for a two weeks' stay. Phil now lives in Cody, Wyoming, and is reputedly one of the Rocky Mountain hardiest hunters. He even hunts bear in the dead of winter!

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ASSOCIATION ACTIVITIES

S.E.P.M. MEETING

Dr. Fred B. Phleger, Scripps Institution of Oceanography, summarized "Recent Advances in Ecology of Foraminifera" at the S.E.P.M. meeting, January 29, 1951. Work on foraminifera ecology at Scripps Institution is done with the following principles in mind: (1) Ecology is approached from the viewpoint of distributions and correlations with various aspects of the marine environment, and not from the experimental point of view. (2) The work is quantitative. Total populations per unit living space are analyzed and species are studied as per cent of total population. (3) If its recognized that foraminifera have two ecologic habits, planktonic and benthonic, and should be treated separately. (4) The results are applied to oceanographic and geologic problems.

Samples have been collected from the Gulf of Maine, Cape Cod Bay and Long Island Sound. The population patterns of foraminifera species form distinct mappable units. Principal causes for faunal distribution are believed to be related to water depth, salinity, temperatures, currents, light penetration and the supply of mineral nutrients. In summary, Dr. Phleger stated that the quantity of foraminifera obtained in the samples is the key to relative rates of organic production, which in turn is useful in estimating relative rates of deposition of sediments. Depth distribution has been used to discover displaced sedimentation and changes in sea level. In geologic or stratigraphic correlation, it is not valid to compare faunas of the same environment. The most valid ecologic type for correlation is the form with no ecologic restriction. It will be possible to reconstruct the detailed environments of a sea on the basis of this type of ecology when sufficient information is available.

THE NATIONAL SCIENTIFIC REGISTER

The Pacific Section of A.A.P.G. has been asked to assist in the enrollment of all west coast geologists and geophysicists in the National Scientific Register being compiled by the National Security Resources Board in Washington, D. C. The American Geological Institute is pushing the project and about February 1, 1951, will have registration forms ready for distribution to all members of A.A.P.G., as well as other affiliated societies such as S.E.P.M., S.E.P.M., and the A.I.M.M.E. In view of the national emergency, all members are urged to fill out and return the registration forms promptly. The results of the National Scientific Register will be utilized by: 1. Scientific Advisory Committees in the Selective Service System in the matter of appeals for deferment. 2. The National Security Resources Board to determine the available scientific manpower for both military and civilian mobilization. 3. Government agencies to identify personnel with specialized training for unusual work requirements. Anyone desiring more detailed information is referred to the December issue of the A.G.I. News Letter, which contains a complete description of this project.

Mr. Harry Feder presented a preliminary treated summary of the first New Mexico Geological Society Field Conference, December 18, 1950, at the Edson Building Auditorium. Mr. Feder stated that the San Juan Basin covers 12,000 square miles in the southern Colorado Plateau area. The basin lies mostly in New Mexico and Colorado, with fringes extending into Utah and Arizona. In general, the San Juan Basin is a broad, gentle structural downward, mostly the result of post-Cretaceous deformation. It is possible to correlate the rock units over the entire basin as well as into the adjacent Colorado Plateau area. The basement complex is pre-Cambrian in age. The overlying sediments range in age from upper Cambrian to lower Tertiary and range in thickness from 10,000 to 25,000 feet. Upper Cretaceous sediments are the principal oil and gas producers in the basin. Current exploration interest centers on upper Cretaceous stratigraphic accumulations of gas in the north-central area. Mr. Feder suggested the following future possibilities for accumulation: (1) Pennsylvanian horizons that are oil and gas producers in the northern San Juan Basin remain untested, particularly in structures existing in the southern part of the basin; (2) Morrison formation (partially also produces oil and gas in the northern portion of the basin and could be productive to the south; (3) The Cretaceous offers many possibilities throughout the basin and should be productive to the south; Graphite traps remain to be tested or have had doubt-ful tests. The Dakota, however, has proved disappointing in many wells in the north San Juan Basin due to low permeabilities.

FORUM

Mr. Milton E. Loy, Schlumberger Well Surveying Corp., discussed "Micrologging and Its Application in California." In conventional electrical logging the spontaneous potential log is used to delineate the permeable bed. When the formations are much more resistive than the mud, for example limestone formations and wells drilled with salty muds, or in the case of interbedded zones, the self-potential is quite rounded. In these cases the self-potential log generally gives the approximate location of the permeable zones but it cannot be used for an accurate determination of the boundaries of each permeable bed. The "Microlog" has been developed primarily as a means for the accurate determination of the permeable beds where the self-potential alone does not give a satisfactory answer. The "Microlog" at present time consists of two short spacing resistivity curves, a 2" Normal and a 1 1/2" Lateral. The electrodes are mounted in a rubber pad and by a suitable spring assembly the pad is applied to the wall of the bore hole. This pad application is essential for useful curves since micro spacings recorded from the customary electrical logging devices would be greatly affected by the bore hole. The micro volumes measured by the "Microlog" permit detailed logging of the formations, as well as the detection of mud cake on the face of the permeable zones. Since the mud cake is a greater percentage of the microvolumes for the 1 1/2" Lateral than for the 2" Normal, and since the resistivity of the mud cake is usually less than the resistivity of the formation behind the mud cake, the microcurves are separated. A positive separation occurs in front of those zones which are permeable. Both curves, however, will usually show a value close to the mud cake resistivity.

CALENDAR

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* "Special Report 1-A, by George W. Walker. "Geology of Part of the Delta-Mendota Canal near Tracy, California." Special Report 2, by Perry Kelche.

U.S.G.S. Oil & Gas Investigations, Preliminary Map 106

"Geology of the Button Butte-Forest Grove Area, Montana."

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"Mexico's Exploration Plans for 1951," by Philip C. Ingalls. pp. 95.

World Oil, January, 1951

* "Sand & gravel in Deep Water Deposits," by Francis P. Shepard. pp. 61.

World Petroleum, January, 1951

"Redwater Now Canada's Top Field," by J. L. Irwin. pp. 42.

Petroleum World, January, 1951

* "The Height of Wildcatting," Standard's Hattie Russell #1, by Wm. Rintoul. pp. 4-B.

Feb. 1, 1951; Thurs. 12:00 noon, AAPG, Luncheon, Roger Young Auditorium, Los Angeles; Stanley Bolcourt, "Review of Radioactive Methods of Geologic Age Determination."

Feb. 1, 1951; Thurs. 6:30 p.m., CNGA, Dinner Meeting, Rio Hondo Country Club, Downey; C.H. Compton: "Industrial Waste Water Disposal."

Feb. 8, 1951; Thurs. 6:30 p.m., AIME, Jr. Petroleum Group, Dinner Meeting, Rio Hondo Country Club, Downey; Speaker to be announced.

Feb. 12, 1951; Mon. 7:00 p.m., API, San Joaquin Valley Chapter, Petroleum Engineering Seminar, K.C.U.H.S., Bakerfield; W. L. Gardwell, "Fluid Mechanics, Part II."

Feb. 13, 1951; Tues. 7:00 p.m., AAPG, San Joaquin Valley Geological Society, Dinner Meeting, Hotel El Tejon, Bakerfield; John Wells, "Elk Hills Oil Field;" G. W. Porter, "Belgian Anticline Oil Field."

Feb. 19, 1951; Mon. 7:00 p.m., AAPG, Forum, General Petroleum Bldg. Auditorium, 612 S. Flower, Los Angeles; Glenn Ferguson, "Mendocino Anticline Discovery;" Dr. Rene Engel, subject will concern differential Thermal Analyses and their use in correlation.

Feb. 20, 1951; Tues. 8:00 p.m., API, San Joaquin Valley Chapter, Standard Oil 11-C Camp; Speaker to be announced.

Feb. 23, 1951; Fri. 7:15 p.m., SEPM, Meeting place to be announced; Dr. Orville L. Bandy, "Trends in Foremineral Research."

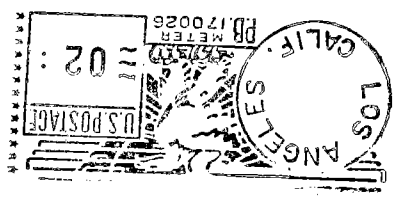
Feb. 26, 1951; Mon. 7:00 p.m., API, San Joaquin Valley Chapter, Petroleum Engineering Seminar, K.C.U.H.S., Bakerfield; R. L. Parsons, "Fluid Mechanics, Part III."

Feb. 28, 1951; Wed. 12:00 noon, AIME, Mining Branch Luncheon, Los Angeles Chamber of Commerce; Speaker to be announced.

Feb. 28, 1951; Wed. 7:00 p.m., San Joaquin Valley Oil Assn., Dinner Meeting, Bakerfield Inn, Bakerfield, Bruce K. Brown, P.D.; "Petroleum Administration for Defense."

PACIFIC PETROLEUM GEOLOGIST
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PACIFIC PETROLOGICAL GEOLOGISTS

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Next Deadline February 19, 1951

Mr. Loy discussed several examples of Micrologging in consolidated and unconsolidated formations, including several from California. The California examples illustrated the typical response in sand-shale-shell sections and fractured Miocene siliceous shales. The "Microlog" should prove to be valuable in sand-shale reservoirs as well as the heretofore difficult analysis of fractured shale zones, since it gives an accurate detailed log of permeable zones.

SPECIAL CARS TO CONVENTION

President Frank Carter has appointed a Transportation Committee to arrange for a train to the National Convention in April. The Committee is chairmaned by Homer Stealy. Aily helping him oil the wheels and fuel the engine are Bill Kleinfeld, Clifton Johnson, Harvey Lee, Harold Rader, and Irving Frazier. Present planning calls for a route that will eliminate getting up at 3 o'clock in the morning in Kansas City to change cars. This has been accomplished by using the Hook Island through cars, leaving Los Angeles on the Golden State Limited at noon Friday, April 20, and arriving at St. Louis at 8:00 a.m., Sunday, April 22, all without change of cars. Three special cars will be provided to accommodate about 70 people.

PETROLOGICAL CLUB

The names of several well-known Pacific Section members appear prominently on the new slate of Officers of the Petroleum Club of Los Angeles. Rollin Eckels has been named president of the Petroleum Club for the current year, with W. H. "Bill" Geis as vice president, while Roy M. Barnes and Bill Geis are newly elected members of the Board of Directors.

DISTINGUISHED LECTURE

During the first week in January, 1951, Dr. Armand J. Bardey presented a discussion on the tectonic elements of North America to the various groups in the Pacific Section. Paleogeographic maps and tectonic maps of each epoch were shown. Dr. Bardey pointed out that the isolated shield areas in Canada, Greenland, Northern Europe and Siberia should be classified as one large shield area. Polar projections of the Arctic area revealed these northern shield areas are separated by relatively small and shallow seas. The speaker discussed the probable extension of the Laramide and Nevelian types of deformation into Central America and Cuba.

PERSONAL ITEMS

Mr. Schwade, on New Year's day, achieved the ultimate in TV appreciation; also in "place utility," to borrow a term from economists. He bundled his TV set into the back of his car, drove from Bakerfield to Burbank, set up there from 9:00 a.m. to 9:00 p.m., enjoyed the parade, game, etc., then drove back home.

Ted Bear and Stan Selgus are among the latest newcomers to the In Canada-Foothill region, each having moved into a new home there recently. Bill Mackenzie of Kern Oil Company reports February 16 for active duty with the Marines. He has been in the Marine reserve.

Jim O'Neill of Independent Exploration Company, who also has been in the Marine reserve, is due to report for active duty in the next 2 to 3 weeks. Bob Erickson, who has been with Standard Oil at La Habra, reports about February 1 at Quantico, Virginia, for active duty with the Marines.

C. E. Van Gundy, formerly with the C.C.M.O., is now working for The Texas Co. as a geologist in the Los Angeles Basin. Tom Fitzgerald and Bill Kleinfeld attended the Los Angeles meeting of the Oil Club early this month. They were seen at Tip's on their return trip, but no report has been had on whether they reached Bakerfield.

Bill Thomas of Shell seems to be making more frequent trips to San Francisco. Last report had him checking the structures in the Snake Pit there. After the last Santa Maria barbecue, Consultant John H. Wentz was seen crawling out of a window at the Santa Maria Inn to fix a noisy drain pipe. (That's his story, and he's stuck with it!)

Jim Hamill of the Texas company has returned from a quick plane trip to South Dakota on emergency personal business. He left on New Year's day and arrived there in 20 below temperatures. His return flight took him over Grand Canyon, Las Vegas, and Lake Mead.

PACIFIC SECTION DIRECTORY

As most of the members know, a roster committee is gathering individual pictures and biographical sketches of the members to be included in a directory of the Pacific Section. About 400 members now have their pictures and data cards on file with the committee. A campaign is underway to obtain pictures of the remaining members. Before the next meeting of the San Joaquin Valley Geological Society in Bakerfield, a photographer will be sent to snap pictures. Also in Los Angeles, between the hours 4:30 to 7:00 p.m., before the next Forum meeting in February, a photographer will be present to take pictures. This will be the last opportunity for members to have their picture taken by the group photographer. A uniformity of picture quality and size will greatly keep down the engraving costs and help to make it possible for us to publish the directory at a nominal cost. A one dollar deposit, collected at the time of the picture-taking, is credited towards the total cost of the book, which is estimated to be \$2.50 or under.

For those outside of the Bakerfield and Los Angeles areas who do not yet have a picture on file with the committee, you will presently receive a letter of instructions and a card to fill out. These members may mail in their picture when the card is returned. A one dollar deposit should accompany the picture as we have no A.V.P.C. funds to pay for copying or reducing the pictures. The committee can use any size picture or snapshot, but a picture with a full head view that will trim to 3 1/4" x 1" is the standard size to be used in the book and this size is preferred.

Art Huey, P. O. Box 810, Long Beach, is chairman of the roster committee.

There is still some hope, at the time of going to press, that Don Weaver, production manager for Wilshire, will be found safe. He has been missing 4 days in an airplane en route from Denver to Casper, Wyoming.

Stan Wisler, in order to devote more time to specific geologic problems, has assumed the duties of Research Geologist, Pacific Coast area, for Union Oil Company of California.

Continental Oil Company has announced the promotion of W. H. (Bill) Corey to the position of Regional Research Geologist. His new sphere of activity will cover all of California.

Pete Gardett has been made Assistant Supervisor of California Operations (Geological) for General Petroleum. He will have Los Angeles headquarters.

Ben Lupton is now permanently assigned to the Los Angeles office of General Petroleum as Los Angeles District Geologist. Ben is now in a 30-day escrow on a home in San Marino.

Kenneth Kraemer resigned early this month as district geologist for The Texas Company at Bakersfield. He now is in the employ of Independent Exploration Company at Bakersfield.

Tom Gross of Standard has left the wilds of the Idaho-Utah area to help Alex Farber in the Salinas Valley for a few months. Tom holds from UOIA.

Mia Remsaur has returned to work for Standard Oil Company as geologist in the Los Angeles office. Joe Parmenter, formerly of Wilshire Oil Company, has joined the firm of C. E. Houchin at Bakersfield, and will be in charge of oil and gas interests.

Paul Hayes has moved from Bakersfield to Southern California Petroleum Corporation's Los Angeles office.

Bill Winter has been transferred from Superiors Amarillo, Texas, office to Bakersfield.

Joe Beverfield of Continental's Elko, Nevada, division, will spend the winter working out of the Bakersfield office.

Union Oil Company has opened a temporary exploration office in the A. S. Brown Building, 1104 San Fernando Road, Room 206, San Fernando, Harry Feder, lately with the C.G.M.O. Company, has been employed by Union and will be at this office for a while; then in Nevada.

Continental Oil Company's new geological exploration office in Ventura is at 26 North St., phone Miller 3-9055. R. B. (Dick) Haines is in charge here. F. E. (Frank) Minshall is in charge of geological exploitation. His address: P. O. Box 451, Ventura, phone Miller 3-9941.

Last month's letter reported Continental Oil as furnishing the beer for the core party at Continental-Standard's core party at the well in Nevada. To get Bill Burnham off the hook and to clear all expense account records for benefit of S.O. Co. auditors, it is duly recorded here that Standard stood half this expense.

Lowell Saunders has announced his candidacy for the position of City Commissioner, City of Bakersfield. He modestly states that he just believes he can do a good job for the Bakersfield citizens. Lowell will certainly get the oil industry vote, solid.

Ted Lee and Vince Vandiver, of Sunray and Seaboard, respectively, left recently on a 3-week Canadian inspection trip.

Richard B. Palmer has been transferred by The Texas Company from Wyoming to serve as geologist in the district office at Bakersfield.

Wayne Loel is another member of the Escrow-on-the-Month Club of San Marino, and will soon be residing at 1505 Chelsea Road.

Mill Lewis is once again challenging all comers at dominos following a short stay in the hospital occasioned by a double-headed operation. The scars may be seen by appointment only.

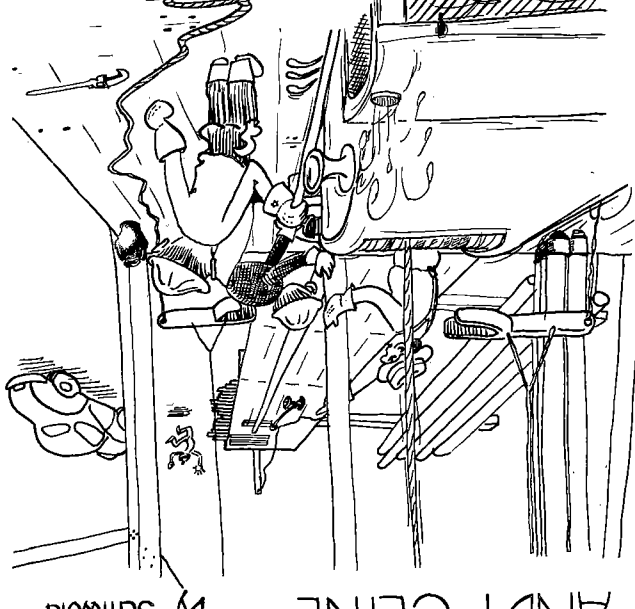
John Fackler of C.G.M.O. is in the Santa Fe Hospital in Los Angeles recovering from a minor operation. He should be in good shape shortly. Some wit asked John if he were having Funge. John's reply: "No, I'm having them removed." Pete Hall, resourceful treasurer of the Coastal Society, recently raffled off a fifth of Harper for the benefit of a fund for the Society's Fall shindig. The bottle was won by Frank Reynolds of Wilshire, who had the fleeting honor of being owner for a few minutes anyway.

Mr. and Mrs. Bill Buckley, of Conoco, announced the arrival of Carol Ann, their third daughter, weight 7 lbs. 12 oz., on December 17. Mason Hill has acquired a new Pontiac station wagon in order to transport his basketball team to their out-of-town games.

A. J. MacMillan, Coastal District Geologist for The Texas Co., has now moved his office to the Edwards Theatre Building, P.O. Box 432, Santa Paula.

Lloyd Lewis of Shell's Sacramento office is on an extended trip to the Hamme.

Andy Cline by Sullivan



"LOOK... HE FOUND ANOTHER FOSSIL!"

Dave Sears of Shell is in the market for a positive "cover-upper" of skunk perfume. He recently evicted a skunk from the Sears home in Paso Robles, and still has reminders of the visitor's stay.

Operative 76 reports that Richfield's Nevada Geological staff now is firmly entrenched in its new offices in Las Vegas, next door to a professional modeling agency. It is said the purchasing department wonders why the geologists have been ordering so many keyholes.

We are happy to report that Fred Nicolai of The Texas Company, in the Santa Cruz Hospital, has recovered sufficiently to sit up in bed and do some work.